

Author Index for Volumes 154-156

- BHAYA, AMIT, KASKUREWICZ, EUGENIUS, AND MOTA, FRANCISCO: Asynchronous Block-Iterative Methods for Almost Linear Equations, 487
- BUNSE-GERSTNER, ANGELIKA AND ELSNER, LUDWIG: Schur Parameter Pencils for the Solution of the Unitary Eigenproblem, 741
- DANCIS, JEROME: The Optimal ω Is Not Best for the SOR Iteration Method, 819
- DATTA, BISWA NATH AND SAAD, YOUSEF: Arnoldi Methods for Large Sylvester-Like Observer Matrix Equations, and an Associated Algorithm for Partial Spectrum Assignment, 225
- DAX, ACHIYA: A Row Relaxation Method for Large I_1 Problems, 793
- DE PIERRO, ALVARO R. AND IUSEM, ALFREDO N.: On the Convergence of SOR- and JOR-Type Methods for Convex Linear Complementarity Problems, 601
- DE PILLIS, J.: A Parallelizable SOR-Like Method: Systems With Plus-Shaped and Linear Spectra, 551
- DEREN, WANG: On the Convergence of the Parallel Multisplitting AOR Algorithm, 473
- EIJKHOUT, VICTOR: Analysis of Parallel Incomplete Point Factorizations, 723
- ELSNER, L., NEUMANN, M., AND VEMMER, B.: The Effect of the Number of Processors on the Convergence of the Parallel Block Jacobi Method, 313
- ELSNER, LUDWIG: *See* Bunse-Gerstner, Angelika
- FREUND, ROLAND: On Polynomial Preconditioning and Asymptotic Convergence Factors for Indefinite Hermitian Matrices, 259
- FRIEDLAND, SCHMUEL: Revisiting Matrix Squaring, 59
- GUNAWARDENA, ANANDA D., JAIN, S. K., AND SNYDER, LARRY: Modified Iterative Methods for Consistent Linear Systems, 123
- HADJIDIMOS, A. AND YEYIOS, A. K.: Some Recent Results on the Modified SOR Theory, 5
- HANKE, MARTIN, NEUMANN, MICHAEL, AND NIETHAMMER, WILHELM: On the Spectrum of the SOR Operator for Symmetric Positive Definite Matrices, 457
- IUSEM, ALFREDO N.: *See* De Pierro, Alvaro R.
- JAIN, S. K.: *See* Gunawardena, Ananda R.
- JAMES, DOUGLAS: Order-Reducing Conjugate Gradients versus Block AOR for Constrained Least-Squares Problems, 23
- KAPORIN, I. E., KOLOTILINA, L. YU., AND YEREMIN, A. YU.: Block SSOR Preconditionings for High-Order 3D FE Systems. II. Incomplete BSSOR Preconditionings, 647
- KOLOTILINA, L. YU.: *See* Kaporin, I. E.
- KASZKUREWICZ, EUGENIUS: *See* Bhaya, Amit
- KNYAZEY, A. V. AND SKOROKHOODOV, A. L.: On Exact Estimates of the Convergence Rate of the Steepest Ascent Method in the Symmetric Eigenvalue Problem, 245
- KONTOVASILIS, KIMON, PLEMMONS, ROBERT J., AND STEWART, WILLIAM J.: Block Cyclic SOR for Markov Chains with p -Cyclic Infinitesimal Generator, 145
- MAGOLU, MONGA-MADE AND NOTAY, YVAN: On the Conditioning Analysis of Block Approximate Factorization Methods, 583
- MAREK, IVO AND SZYLD, DANIEL B.: Pseudo-irreducible and Pseudoprimitive Bounded Operators, 779
- MAI, TSUN-ZEE: Composite Adaptive Procedure for Solving Large Sparse Linear Systems, 509
- MORGAN, RONALD B.: Computing Interior Eigenvalues of Large Matrices, 289
- MOTA, FRANCISCO: *See* Bhaya, Amit
- NEUMANN, M.: *See* Elsner, L.
- NEUMANN, MICHAEL: *See* Hanke, Martin
- NIETHAMMER, WILHELM: *See* Hanke, Martin
- NIETHAMMER, WILHELM: *See* Starke, Gerhard
- NOTAY, YVAN: *See* Magolu, Monga-Made
- NOTAY, YVAN: Conditioning Analysis of Modified Block Incomplete Factorizations, 711
- O'LEARY, DIANNE P.: Yet Another Polynomial Preconditioner for the Conjugate Gradient Algorithm, 377

- PERIS, JOSEF, E.: A New Characterization of Inverse-Positive Matrices, 45
- PLEMMONS, ROBERT J.: *See* Kontovasilis, Kimon
- REICHEL, LOTIAR: The Application of Leja Points to Richardson Iteration and Polynomial Preconditioning, 389
- SAAD, YOUSEF: *See* Datta, Biswa Nath
- SEMAL, PIERRE: Iterative Algorithms for Large Stochastic Matrices, 65
- SAYLOR, PAUL E. AND SMOLARSKI, DENNIS C.: Implementation of an Adaptive Algorithm for Richardson's Method, 615
- SKOROKHODOV, A. L.: *See* Knyazev, A. V.
- SMOLARSKI, DENNIS C.: *See* Saylor, Paul E.
- SNYDER, LARRY: *See* Gunawardena, Ananda D.
- SONG, YONGZHONG: Comparisons of Nonnegative Splitting of Matrices, 433
- STARKE, GERHARD AND NIETHAMMER, WILHELM: SOR for $AX - XB = C$, 355
- STEWART, WILLIAM J.: *See* Kontovasilis, Kimon
- STRAKOŠ, Z.: On the Real Convergence Rate of the Conjugate Gradient Method, 535
- SZYLD, DANIEL B.: *See* Marek, Ivo
- TISMENETSKY, M.: A New Preconditioning Technique for Solving Large Sparse Linear Systems, 331
- TISMENETSKY, MIRON: A Decomposition of Toeplitz Matrices and Optimal Circulant Preconditioning, 105
- TRENCH, WILLIAM F.: Numerical Solution of the Eigenvalue Problem for Efficiently Structured Hermitian Matrices, 415
- VAN HUFFEL, SABINE: Iterative Algorithms for Computing the Singular Subspace of a Matrix Associated With Its Smallest Singular Values, 675
- VEMMER, B.: *See* Elsner, L.
- YEYIOS, A. K.: *See* Hadjidimos, A.

